



Case Study

## O'Kane Foodservice

Location

Lisburn, Belfast, Northern Ireland

Working Environment

Cold store depot

### Background

O'Kane Foodservice is the Brakes Group foodservice specialist for Northern Ireland and the Irish Republic. Brakes Group Marketing Director, James Armitage explains the company is "passionate about its carbon credentials" and is taking action in any area possible to significantly reduce its carbon output by 2015. As part of this process, the company identified that energy savings could be made by replacing the lighting in its cold stores.

### The Needs

The existing cold-store lighting at O'Kane's depot in Lisburn consisted of traditional 400W metal-halide high-intensity discharge (HID) luminaires, which Brakes Group wanted to replace with the latest generation of high-output, low-energy LED lighting. The company was looking for a supplier that could not only provide the right lighting solution but also had the capability to manage a major roll-out programme.

### The Solution

Cooper Lighting's new LED High-Bay luminaires were duly installed throughout the Lisburn cold store. Capable of operating at temperatures as low as -30°C, these fittings deliver instant white light with no restrike or run-up delay, and they offer a long service life free from the need for lamp changes, thereby providing a significant reduction in maintenance costs.

With a power consumption of just 142W, the LED luminaires immediately use significantly less energy than the old 400W HID lighting at O'Kane. In addition, they generate much less heat so the load on the refrigeration equipment is reduced, which further increases the energy savings.

### The Result

The investment in LED technology delivers an immediate energy saving of 65%, maintenance free operation, a key driver for O'Kane, and the additional benefit of instant light with no re-strike time. The Cooper LED High-Bay is now being rolled out across Brakes cold store depots in England, Wales and Scotland.